



# Section I

## *Support*

### **PROJECT MANAGERS**

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## SUMMARY

Mission Support, Project Baseline Summary (PBS) OT01, consists of four sub-projects:

- Planning and Integration [Work Breakdown]
- Structure (WBS 1.8.2.1)]
- Systems Engineering (WBS 1.8.2.2)
- Environmental Compliance (WBS 1.8.2.3)

The Environmental Compliance Program is composed of two elements. These two elements were stand-alone programs known as the Hanford Environmental Management Program (HEMP) and the Effluent and Environmental Monitoring Program (EEM) prior to FY99.

Although there is a single program, these elements retain their identity on the Integrated Priority List as two separate Units of Analysis.

- Public Safety and Resource Protection (WBS 1.8.2.4)

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of December 31, 2000. All other information is as of January 17, 2001 unless otherwise noted.

## Project Controls

**FY 2002 IPABS Update** ¾ The limited update to the DOE-HQ Integrated Planning, Accountability and Budget System (IPABS) for the FY 2002 budget request to the new Bush administration is under way. The Planning Module (baseline data) was sent on January 12, 2001, and the Budget Module (FY 2002 Budget Authority Request) was sent on January 19, 2001. Both submittals will be provided in the new Project Baseline Summary (PBS) structure. Project Control coordinated the electronic batch input of baseline cost, milestone, narrative and metric data to the IPABS, performing specific collection, collation, formatting, and electronic transfer of baseline cost and milestone information. This effort was performed to populate the new PBSs in the DOE-HQ system in support the outcome-based WBS.

DOE-HQ has additionally indicated that it anticipates requiring another limited update (not currently planned for in FH's baseline) after direction is received from the new administration, but prior to the planned March 15 and April 15, 2001, updates. The impact of this additional, unplanned requirement has not yet been determined.

**Environmental Management (EM) Liabilities** ¾ Final EM Liabilities were sent on January 22, 2001. The data shows the changes in lifecycle costs due to inflation and work scope adjustments from the lifecycle planning costs input into IPABS in April for the FY 2001 Phase II MYWP. These numbers will then be compared to the dollars provided in the baseline change proposal submitted to Headquarters in support of the new WBS/PBS structure.

**Integrated Priority List Module (IPLM)** ¾ In accordance with the new FH contract, modifications are being made to the IPLM to align key sort indicators to Level 4 of the new WBS structure. Also, as requested by DOE-HQ, a matrix is being developed to provide a DOE "Peer Review" cut of the data.

Near-term deliverables due on January 31, 2001 include an IPL of funding for FY 2001-2008 (for the FY 2003 budget submittal), including narratives discussing associated benefits, impact statements and regulatory drivers. This information is being prepared for the public meetings with stakeholders, Tribes, and regulators scheduled in March.

**Support for RL Integrated Science and Technology (S&T) Plan** ¾ Project Controls and Technology Management continued support to PNNL for developing a Site perspective on major challenges impacting the cleanup mission. A working session was held on December 13, 2000, with RL and the Regulators to review the activity. A draft of the Site plan remains targeted for issue by the end of January 2001.

**FY 2001 MYWP and AWP Updates for Project Controls** ¾ With the approval of Project Controls' FY 2001 "bridge" baseline change request in December, the Multi-Year Work Plan (MYWP) and two Annual Work Plans (AWPs) were also approved, establishing the FY 2001 baseline.

**Performance Management Meetings (PMM)** ¾ Due to priorities associated with the FH contract negotiations, none of the PMMs scheduled in December were conducted. January meetings addressing "The River," and "The Plateau" were held January 3 and 4, 2001. The PMM scheduled to address Fast Flux Test Facility status, however, was rescheduled from January 10, 2001, to mid-February, by which time a decision regarding the Facility's continued activation should be announced via Record of Decision by the Secretary of Energy.

Also, efforts have begun within Project Controls (with input from the Projects) to review the processes and formats employed in the preparation of the PMMs and the monthly Environmental Management Performance Report. Both sets of documentation contain almost identical information, and it is believed certain revisions can be made that will facilitate and streamline the production of the materials, while ensuring continuity and accuracy of the information reported.

**Environmental Management Performance Report (EMPR)** ¾ The December EMPR was delivered on schedule on December 12, 2000, and in bound copy on December 20, 2000. The final-draft January EMPR was delivered for approval on January 9, 2001, and final bound-copy delivery was made on January 17, 2001.

**Business Management Oversight Process (BMOP) Status** ¾ Due to other priorities within the RL Analysis and Evaluation Division, a January 2001 release date is anticipated for the reissue of the final FY 2001 BMOP expectations document. Final comments/changes to the document are currently being reviewed. Additionally, RL has formally withdrawn the waiver, which previously allowed FH the use of multiple assessment vehicles (including the Comprehensive Performance Incentives) in lieu of an annual onsite Performance-Based Business Management Process review. FH's senior management team is currently reviewing this action, and its potential impacts.

**Performance Execution and Reporting Module (PERM) Status** ¾ The first quarter FY 2001 performance data, the electronic batch feed to the DOE-HQ IPABS-Project Execution Module (PEM) is currently being collected from all contractors and is scheduled for transmittal January 26, 2001. Budgeted Cost of Work Scheduled (BCWS) for the months of October and November were batch fed to DOE-HQ on November 27, 2001 and December 27, 2001, respectively.

## **Systems Engineering and Integration (SE&I)**

FH Systems Engineering and Integration is supporting several initiatives including the implementation of DOE O 413.3, DOE Implementation Plan for DNFSB Recommendation 2000-2, and Configuration Management of Vital Safety Systems. SE&I is also supporting the FH initiatives include the Requirements Initiatives Integration Team and the Phase II Baseline Update Guidance. The Project level initiatives include Value Engineering studies for the River Corridor Project.

## **Environmental Compliance Program (ECP)**

The call for information letter, to alert contributors to the requirements and schedule associated with the Land Disposal Restrictions (LDR) report, to be submitted April 30, 2001, was prepared and issued to a wide distribution on January 4, 2001. Ongoing discussions and negotiations with Ecology over the content of the LDR report are likely to continue during preparation of the report. Discussion points exist that are also part of the ongoing litigation processes between the regulators and DOE. This situation may create difficulty in meeting the scheduled dates if extensive changes are required as a result of the discussions or litigation.

## **Public Safety and Resource Protection (PSRP)**

There is nothing to report at this time.

## **NOTABLE ACCOMPLISHMENTS**

### **Project Controls**

- The deliverable, December EMPR was delivered on December 12, 2000, on schedule.
- The deliverable, Deliver PEM FY 2001 October report to DOE-HQ was completed on December 12, 2001, on schedule.
- The deliverable, Provide data feed for EMPR/PHMC/DSMMR via PEM for November was completed on December 26, 2000, on schedule.
- The deliverable, January EMPR was delivered on January 9, 2001, on schedule.

### **Systems Engineering and Integration**

- SE&I is working with PNNL to help develop an implementation path forward for the new DOE Order, 413.3, Project and Program Management for Acquisition of Capital Assets.
- SE&I has been identified as the FH lead organization to work on the Implementation Plan for DNFSB Recommendation 2000-2, Configuration Management of Vital Safety Systems. Several meetings have been held and this plan has been submitted to the FH Scope and Cost Management Process (SCMP).
- SE&I supported the FH initiative (Requirements Initiatives Integration Team [RIIT]) to find at least \$30M in efficiencies in base operations costs to allow the funding of critical work in FY 2001 and FY 2002. This initiative has currently found over \$27M in efficiencies.
- SE&I is working with Project Controls and the FH Projects to implement the RL Phase II Baseline Update Guidance.
- SE&I is working with the River Corridor Project to perform the Value Engineering analyses of the crane maintenance in a hostile environment and the Configuration Management in deactivated facilities.

## **Environmental Compliance**

### **Air Compliance**

- Management and integration support was provided on the asbestos site-wide program in billing verification and tracking asbestos NOI approvals for the site contractors, including contact with the

Benton Clean Air Authority (BCAA). A call for site wide facility input was compiled, incorporated, and issued to the BCAA as Hanford Site's annual asbestos notification of intent. This action satisfied completion of milestone ECP-01-306 which was due December 31, 2000 and completed December 19, 2000.

- Regulatory analysis development was provided to the River Corridor Project during this period which led to successful closure of the 310 TEDF Ecology air technical assistance visit action. Coordination was also provided for the planning of January/February Ecology Air technical assistance visits.

### **Inspections/Assessments**

- On Thursday January 4, 2000 the Washington State Department of Ecology (WDOE) visited 2706-T building to observe sampling activities from the 2714-U containers. The inspectors saw first hand the numerous amount of sample bottles within the 2714-U containers and the difficulty of sampling these bottles with 3 pairs of gloves on, two pairs of coveralls and on-mask in a greenhouse.
- The final draft of the *GUIDELINES FOR FACILITATING REGULATORY AGENCY ENVIRONMENTAL INSPECTIONS AT THE HANFORD SITE*, was prepared. The document is intended as a memorandum of understanding between DOE prime contractors, for the Hanford Site Central Environmental Committee.

### **Project Support (ECP funded)**

- The 222-S PCB assessment report and accompanying letter was completed. An evaluation of possible corrective actions was developed and provided to the facility.
- The Waste Management Project requested support in preparing a presentation to DOE on the state-only land disposal restriction for organic/carbonaceous waste. With ATG thermal treatment coming on line, there is a question regarding the applicability of this state-only land disposal restriction to Hanford mixed waste disposal activities. An analysis is in development.
- The RCRA permit modification package requesting a temporary authorization to implement changes immediately was transmitted on December 18, 2000 to Ecology. Ecology has stated in an e-mail message that the letter granting the approval has been prepared and is ready for signature. The changes will become effective February 1, 2001 and address site-wide documentation and documentation for the 242-A Evaporator and the Liquid Effluent Retention Facility/200 Area Treatment Facility. An article providing public notice of the request appeared in the December publication of the Hanford Update.

### **Environmental Notifications and Reporting**

- Regulatory reporting was coordinated for nine (9) non-reportable releases of a hazardous substance and /or a petroleum product released to the environment. All of these releases were cleaned up and disposed of per state and federal requirements. There were no reportable events with a release to the environment. Three (3) reportable code non-compliance events and one (1) informational call were reported directly to the regulators by the Occurrence Notification Center.
- A letter was developed for distribution of the site "Contingency Plans" to be sent to the off-site regulatory agencies, Police Departments, Fire Departments and Hospitals who might be involved in an emergency event on the Hanford Site.

### **RCRA Permit**

- Revision of the Hanford Facility (HF) RCRA Permit: Ecology initiated modification of the HF RCRA Permit, Dangerous Waste (DW) portion in two parts. The two parts consist of the corrective action portion and changes to be incorporated as part of Modification E. Ecology issued the corrective action portion on March 29, 2000, and an appeal was subsequently submitted on April 27, 2000. Agreement between RL, Ecology, and the EPA has been reached and permit conditions for corrective action will go out for public comment (scheduled for February 15, 2001) before those conditions become final (March 15, 2001).

### **Air & Water Program**

- The Portable/Temporary Radioactive Air Emission Units (PTRAEU) Notice of Construction Performance Assessment, Milestone ECP-01-411 was completed on December 21, 2000.
- A contractor review of the draft revised report, *Injection Well Registration*, DOE/RL-88-11, Revision 2 was completed. A finalized list of active and inactive list of underground injection wells and preparation of a set of location maps is nearing scheduled completion on January 31, 2001.
- The Bimonthly Air/Water Permit schedule for all the prime contractors was updated.
- A Routine Technical Assistance Meeting (RTAM) with Washington Department of Health was held on December 18, 2000.

### **NEPA**

- The draft Environmental Assessment for K Basins Sludge Storage at 221-T Building, Hanford Site, Richland, Washington (DOE/EA-1369) was delivered to RL on 12/21/00.
- The RL National Environmental Policy Act (NEPA) internal scope meeting concerning the draft Environmental Assessment for Trench Construction and Operation in the 218-E-12B and 218-W-5 Low-Level Burial Grounds was conducted on January 3, 2001.

### **Compliance**

- The Solid Waste Information and Tracking System (SWITS) administrator issued waste generator data verification and certification packages on January 2, 2001, in preparation for compiling the 2000 Hanford Facility Annual Dangerous Waste Report (DWR). Generators are scheduled to return their verifications and certifications to the SWITS administrator by January 12, 2001. The final DWR (Milestone ECP-01-503) is scheduled for transmittal to RL on February 21, 2001 and to Ecology by March 1, 2001.

### **Crosscutting Compliance/Issue Resolution**

- Support continues to the resolution of regulatory issues through the Lead Action Coordinator (LAC) program. LACs ensure crosscutting environmental issues are promptly addressed in a coordinated and effective manner. Environmental issues typically warranting assignments of a LAC are often associated with regulatory agency concern, notices of correction, or notices of violation. The LAC basically functions as a project manager for issue response/resolution. LACs are currently addressing twelve issues.
- The Environmental Center of Expertise (COE) continues to provide an excellent forum for addressing environmental decisions and policy recommendations. All FH Projects/Service Providers are routinely

participating. The COE has identified several functional area issues that are being addressed and resolved by technical staff.

- Information was gathered and provided FH General Counsel regarding existing agreements with Ecology to leave waste or waste like materials, in inactive facilities (LDR Litigation).

## Public Safety and Resource Protection (PSRP)

- B.M. Gillespie, along with four other PNNL staff members, was commended by S.E. Bechtol (DOE-RL Office of Procurement Services) for teamwork and partnering with the sample management office initiative to integrate sample management activities across the Site.
- Staff completed the annual summary, *Cultural Resources Project Annual Summary Report Fiscal Year 2000: Transition to Stewardship* (Task 010302). The report was delivered to DOE-RL on December 15, completing the Milestone RLOT015002, as scheduled.

## ISMS STATUS

Nothing to report at this time.

## CONDUCT OF OPERATIONS

Nothing to report at this time.

## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

### Breakthroughs

Nothing to report at this time.

### Opportunities for Improvement

Nothing to report at this time.

## UPCOMING ACTIVITIES

- The Annual Dangerous Wastes Reports and Tier II Emergency and Hazardous Chemical Inventories are due February 21, 2001.
- Environmental Services will compile hazardous chemical information from the Hanford facilities to prepare the Tier Two Emergency and Hazardous Chemical Inventory Report, which is due February 21, 2001 (Milestone ECP-01-501).
- Environmental Services will compile the dangerous waste generation and Waste Management activities on site for the Hanford Annual Dangerous Waste Reports, which are due February 21, 2001 (Milestone ECP-01-503).



- The annual Surface Environmental Surveillance Project design review process has been initiated and will culminate with the revision and distribution of the "CY 2000 Hanford Site Environmental Surveillance Master Sampling Schedule" by the end of February 2001.
- The annual SESP design review process has been initiated and will culminate with the revision and distribution of the "CY 2000 Hanford Site Environmental Surveillance Master Sampling Schedule" by the end of February 2001.
- Summaries of CY 2000 Biodiversity Plot Monitoring Data and the Sage Brush Die-Off observed during the previous fiscal year will be completed during March 2001.

## MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
RL	1	1	0	0	0	5	0	7
<b>Total Project</b>	1	1	0	0	0	5	0	7

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones as of December 31, 2000		
Number	Milestone Title	Status
ECP-01-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 20, 2000 – Completed three days early
ECP-01-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2001 – On schedule
ECP-01-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 2, 2001 – On schedule
ECP-01-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due August 31, 2001 – On schedule
DNFSB Commitments		
	Nothing to report at this time.	



## MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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**Overdue – 0**

**Forecast Late – 0**

### FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

		FYTD									
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC	
PBS OT01	Mission										
WBS 1.8.2	Support Other MYPs	\$ 5,343	\$ 5,407	\$ 5,765	\$ 64	1.2%	\$ (358)	-6.63%	\$ 24,137	\$ 24,137	
<b>Total</b>		\$ 5,343	\$ 5,407	\$ 5,765	\$ 64	1.2%	\$ (358)	-6.63%	\$ 24,137	\$ 24,137	

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM).

### FY TO DATE SCHEDULE / COST PERFORMANCE

The \$ 0.4 million (6.6 percent) unfavorable cost variance is within established thresholds.

The \$ 0.1 million (1.2 percent) favorable schedule variance is within established thresholds.

### Schedule Variance Analysis: (+\$0.1M)

#### Mission Support – 1.8.2/OT01

**Description and Cause:** The variance is within thresholds.

**Impact:** None.

**Corrective Action:** None.

### Cost Variance Analysis: (-\$0.4M)

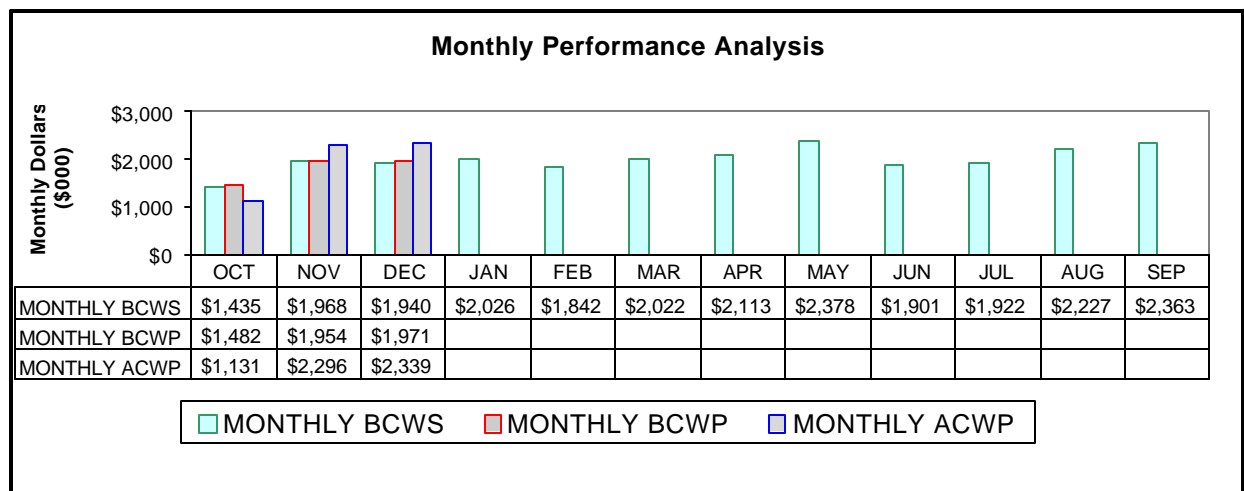
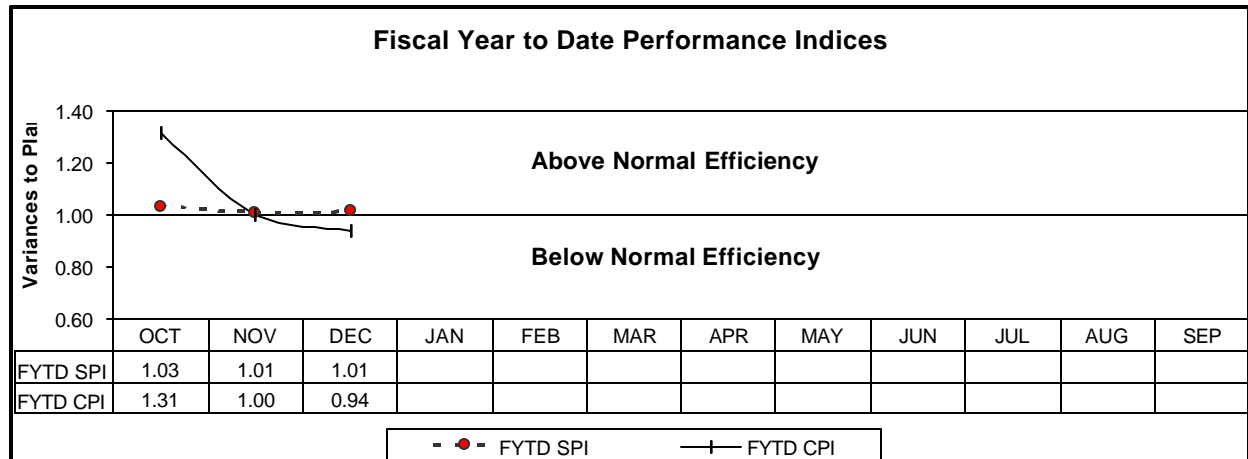
#### Mission Support – 1.8.2/OT01

**Description and Cause:** The variance is in within thresholds.

**Impact:** None.

**Corrective Action:** None.

## SCHEDULE /COST PERFORMANCE (MONTHLY AND FYTD)



## FUNDS MANAGEMENT FUNDS VS SPENDING FORECAST (\$000) FY 2001 TO DATE

	Project Completion *			Post 2006 *			Line Items *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
<b>Multiple Outcomes</b>									
1.8 <b>Mission Support</b>									
OT01, OT04				\$ 17,692	\$ 17,210	\$ 482			
<b>Inventory</b>				\$ 7,267	\$ (172)	\$ 7,439			
<b>Total Mission Support Operating</b>				\$ 24,959	\$ 17,038	\$ 7,921			
<b>Total Mission Support Line Item</b>									

\*Control Point

## ISSUES

### Technical Issues

#### Site Planning & Integration

**Funding Disconnect to Fiscal Year (FY) 2002 Work Plans** – FH is in the process of developing work plans for FY 2002 and beyond that incorporate RL's revised strategy which focuses on completion of work on the river corridor by 2012. A roll-up of this new plan resulted in an estimated \$54 million higher than projected funding in FY 2002. Cost drivers are:

- Re-pricing that reflects labor rates, employee benefits costs, and fee amounts \$16.1 million higher than the previous estimate,
- Scope growth and additions of \$14.5 million,
- Work scope not funded in 2001 rolling into 2002 for \$12.4 million,
- Other costs of \$11.0 million.

**Impacts:** None reported.

**Corrective Action/Status:** This issue was resolved via the new FH contract extension through FY 2006.

**Extension of FY 2001 MYWP Phase II Deliverables Due Dates** – On December 4, 2000, RL informally provided (i.e., not via formal transmission through FH Contracts) Amendment 1 of the Phase II BUG. The Amendment identified an extension of the due date for meeting the Comprehensive Performance Incentive (PI) deliverables associated with the MYWPs Phase II (in both the current and revised WBS/Project Baseline Summary [PBS] structure) from December 15, 2000, until January 10, 2001. As the Amendment (and the extension of the PI due date) has not yet been formalized through the FH Contracts organization, FH is now in jeopardy of missing the December 15, 2000 deliverables' due date.

**Impacts:** None reported.

**Corrective Action/Status:** FH was able to meet the due date of December 15 for the revised resource control report. It was mutually agreed with RL to void the balance of the submittal requirements and reflect the contracting strategy in the life cycle submittal due on January 31, 2001.

**IPABS Budget Authority Deliverable Due January 10, 2001** – The Integrated Planning and Budgeting System (IPABS) Budget Authority (BA) targets will not be received until January 2, 2001, or later from DOE-HQ, but the associated BA deliverable is due to RL by January 10, 2001. FH planned to meet this deliverable by electronically providing the MYWP Phase II data to RL. However, if the DOE-HQ BA guidance differs significantly from what will be provided in the MYWP Phase II data, the PBS owners will have an extremely short turnaround (at most six working days) to manually update IPABS (BA, metrics, technical, milestones, etc.).

**Impacts:** None reported.

**Corrective Action/Status:** FH met this deliverable at the revised due dates of January 12 and 19, 2001.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY00 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
SPI-2001-001	12/12/00	Baseline Modifications to Support FY 2001 MYWP Update Phase II							Draft
SPI-2001-002	12/28/00	Base Operation Reductions cor 1.8 Mission Support (FH-2001-01_	(437)			12/28/00	12/28/00	12/28/00	Approved
SPI-2001-003	12/28/00	FY 2001 Fee reduction to 90% (FH-2001-002)	(51)			12/28/00	12/28/00	12/28/00	Approved
SSE-2001-001	12/18/00	FY 2001 MYWP Phase II							Draft
SSE-2001-002	12/28/00	Base Operation Reduction for Mission Support (FH-2001-001)	(98)			12/28/00	12/28/00	12/28/00	Approved
SSE-2001-003	7/26/00	FY 2001 Fee reduction to 90% (FH-2001-002)	(7)			12/28/00	12/28/00	12/28/00	Approved
ECP-2001-001	1/3/01	Adjust ECP Cost Baseline due to RIIT Cost Reduction Goal	(250)						Draft
ECP-2001-002	12/28/00	FY 2001 Fee reduction to 90% (FH-2001-002)	(72)			12/28/00	12/28/00	12/28/00	Approved
PSR-2001-001	1/11/01	Holding							Draft
PSR-2001-002	1/11/01	Holding							Draft
PS-2001-003	1/2/01	Alignment of Budget/Scope to Funding Allocation and Incorporation of FY 2000 Carryover.	198			1/10/01	1/10/01		In Progress

## KEY INTEGRATION ACTIVITIES

Specific components of the PS&RP Program are identified as a critical core project within the Groundwater/Vadose Zone Integration Project. As such, key activities relevant to both programs were integrated into FY 2001 detailed work plans as appropriate